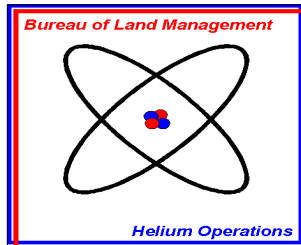


Bureau of Land Management

Amarillo Field Office Helium Operations



Statistical Report for December - 1999



Distribution:

Fluid Minerals Group Manager, Washington Office
New Mexico State Director
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-Federal Leased Lands
-Gas Analysis
-Resources Evaluation
-Natural Gas Engineering

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Amarillo, Texas

Issued: September 27, 2000

** Revised **

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Approved for distribution: Nelson R. Bullard /s/

Date: 09/27/2000

Table 1 - Summary of Helium Operations
December - 1999

In Kind Sales		NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$) **		
Total month		32,654	460	0	10,639	11,166	3,834	58,753	57,844	\$2,834,356		
Total FYTD		32,654	460	0	10,639	11,166	3,834	58,753	57,844	\$2,834,356		
Total CYTD		131,829	2,922	0	40,293	39,344	13,540	227,928	224,399	\$10,986,867		
In Kind Transfers								Month	FYTD	CYTD	Cumulative	
Transferred								334	56,930	217,685	302,518	
Volume outstanding								57,844				
Purchased Helium	Helium-Gas Mixture	Month Helium Percent	Helium	Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative		
				Low Purity Helium			Below 50% Helium		Contained Helium			
	Total purchased									32,176,145		
	Purchased helium produced / transferred		334					56,930	217,685	2,287,858		
Balance of purchased helium in storage										29,888,287		
Private Plant Activity												
Accepted in storage system		115,751	70.15%	81,201	1,615	10,506	(223)	(1,192)	236,386	1,135,278	5,248,541	
Redelivered from storage system		(132,021)	69.97%	(92,376)	0	0	12	1,564	(328,189)	(1,247,387)	(4,078,393)	
Total apparent crude produced ^		275,213	72.34%	199,102					580,853	2,297,815	NA	
Total apparent crude refined ^		(237,307)	71.96%	(170,775)					(558,242)	(1,978,243)	NA	
Storage Contract Activity	Gross Gas		Helium	Metered Gas			Transferred Gas		Stored Helium	Charges Billed Dollars **		
	Month			FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
	Crude Acquired		115,289	80,978	235,194	1,131,289	22,629,379	61,890	22,280,366			
	Crude Disposed		131,982	92,364	326,625	1,244,676	15,904,683	61,556	21,977,579			
	Grade-A Rdlvrd		0	0	0	0	1,427,554	0	0			
Net/Balance		(16,693)	(11,386)	(91,431)	(113,387)	5,297,142	334	302,787	4,906,083	\$5,969	\$365,416	
Bush Dome Reservoir Operations				Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery		
Conservation gases from all sources				Gross	Net	Gross	Net	Gross	Net	Gross	Net	
In underground storage, beg. of period				48,152,013	34,750,333	48,270,503	34,836,504	490,620	490,620	0	0	
Net Activity				(14,975)	(10,866)	(133,465)	(97,037)	47,646,418	34,248,847	48,137,038	34,739,467	
Total in underground storage				48,137,038	34,739,467	48,137,038	34,739,467	48,137,038	34,739,467	48,137,038	34,739,467	
Native Gas												
Total in place, beg. of period				209,033,043		209,039,114		265,724,755		318,727,000		
Net Activity				(1,844)								
Total in place, end of month				209,031,199								
Native Gas plus Conservation Gases												
Total gases in place, beg. of period				257,185,056		257,309,617		266,215,375		318,727,000		
Net Activity				(16,819)		(141,380)		(9,047,138)		(61,558,763)		
Total gases in place, end of month				257,168,237		257,168,237		257,168,237		257,168,237		
Helium Resources Evaluation						Month		FYTD				
Revenue Collected from Federal Lease Holds						\$315,010		\$943,671				
Helium Sample Collection Report				Submitted		12	Received	5	Analyzed	122		
Customer Comment Cards Mailed					➡		Month		0	FYTD 17		

Table 5 - Pipeline & Cliffside Field Operations
All Volumes in Mcf at 14.65 psia & 60°F

December - 1999

	1	2	3	4	5	6	7	8
	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	19,149	13,405	18,919	13,243	0	0		
Measured to pipeline (2)	131,207	92,076	478,199	333,536	99,985,505	71,640,893		
Measured from pipeline (3)	132,021	92,377	474,536	328,192	34,246,798	24,661,030		
Measured into Bush Dome (4)	0	0	0	0	64,351,432	46,233,500		
Calculated inventory (1+2-3-4)	18,335	13,104	22,582	18,587	1,387,275	746,363		
End of period inventory	19,980	13,986	19,980	13,986	19,980	13,986		
Line gain or (loss)	1,644	882	(2,602)	(4,601)	(1,367,295)	(732,377)		
Percent gain (loss) of total measured	0.625%	0.478%	-0.273%	-0.695%	-0.689%	-0.514%		
Bush Dome Reservoir Operations								
Conservation gases from all sources								
In underground storage, beg. of period	48,152,013	34,750,333	48,270,503	34,836,504	490,620	490,620	0	0
Injected during period to date	0	0	0	0	64,351,703	46,233,461	64,959,603	46,841,361
Withdrawn during period to date	14,975	10,866	133,465	97,037	16,751,434	12,030,763	16,868,714	12,148,043
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	48,137,038	34,739,467	48,137,038	34,739,467	48,137,038	34,739,467	48,137,038	34,739,467
Native Gas								
Total in place, beg. of period	209,033,043		209,039,114		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,982,043		199,988,114		256,673,755		309,676,000	
Production during period to date	1,844		7,915		56,693,556		109,695,801	
Total in place, end of month	209,031,199		209,031,199		209,031,199		209,031,199	
Recoverable in place, end of month	199,980,199		199,980,199		199,980,199		199,980,199	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	257,185,056		257,309,617		266,215,375		318,727,000	
Total gases in place, end of month	257,168,237		257,168,237		257,168,237		257,168,237	
Change during period	(16,819)		(141,380)		(9,047,138)		(61,558,763)	
Tuck Trigg Reservoir Operations								
Native Gas								
Total in place, beg. of period	5,233,809		5,233,991				5,890,000	
Recoverable in place, beg. of period	4,563,809		4,563,991				5,220,000	
Production during period to date	936		1,118				657,127	
Total in place, end of month	5,232,873		5,232,873				5,232,873	
Recoverable in place, end of month	4,562,873		4,562,873				4,562,873	
Ave. reservoir pressure, beg. of period	675.4		675.8		685.0		814.1	
Ave. reservoir pressure, beg. of period	486.9		487.0				548.0	